

7. The system of claim 4 wherein:

said first means for receiving for transmitting is composed of a waveguide optical coupled atom cavity displaying a frequency-dependent photon-mode density; and

said second means for receiving for transmitting is composed of a ferrite material and coil and safety gap electrodes.

said third means for receiving for transmitting is composed of a lumped element antenna tank circuit.

said forth means for receiving for transmitting is composed of a twin tandem pair of reverse backward wave oscillating cavities

said fifth means for receiving for transmitting is composed of a twin tandem pair of dielectric materials

said sixth means for receiving for transmitting is composed of a hyperbolic dish and delta antenna coil

8. The system of claim 4 wherein:

said first means for receiving is generally elliptical; and

said second means for receiving is circular.

said third means for receiving is circular.

said forth means for receiving is cylindrical.

said fifth means for receiving is cylindrical.

said sixth means for receiving is circular

said seventh means for receiving is circular

said eight means for receiving is paraboloid

said ninth means for receiving is triangular

9. The system of claim 4 wherein said atom coupled optical waveguide antenna displaying a frequency-dependent photon-mode density is positioned generally end to end comprising a bore-sight between said first, second, third, forth, eighth and ninth receiving structures and forming delta-T drift region between said forth fifth sixth and seventh means for receiving.

10. The system of claim 4 wherein said antenna system is an antenna array.

11. The system of claim 4 wherein said antenna is a generally convex shell partially enclosing said first means for receiving.

12. The system of claim 4 wherein said means for transmitting is a system comprising an antenna array and tank circuit arc.

13. A system for converting incident quantum electro dynamic zero point electromagnetic radiation energy to electrical implosion propulsion energy comprising:

a plurality of pairs a first through ninth means for receiving for transmitting incident quantum electro dynamic primary zero point electromagnetic radiation and second means for receiving incident primary zero point electromagnetic radiation, a third forth fifth sixth seventh eighth and ninth plurality of pairs of means for receiving transmitting amplification said first means for receiving producing emitted secondary electromagnetic radiation at a first frequency, said second means for receiving the incident primary zero point electromagnetic radiation producing emitted secondary electromagnetic radiation at a second frequency, the secondary radiation at the first frequency and the secondary radiation at the second third forth fifth and sixth and

seventh eighth and ninth frequency interfering to produce secondary radiation at a beat frequency which is higher than that of the incident primary radiation, said first means for receiving having a first volumetric size selected to resonate in response to the incident primary electromagnetic radiation in order to produce the secondary electromagnetic radiation at the first frequency at an enhanced energy density, and said second means for receiving having a second volumetric size selected to resonate in response to the incident primary electromagnetic radiation in order to produce the emitted secondary electromagnetic radiation at the second third forth fifth sixth seventh eighth and ninth frequency at an enhanced energy density, said first second third forth fifth and sixth seventh eighth and ninth volumetric sizes selected based on parameters of propagation constant of said first second third forth fifth sixth seventh eighth and ninth means for receiving, propagation constant of medium in which said first through ninth means for

receiving are located and frequency of the incident primary electromagnetic radiation, said first second third forth fifth sixth seventh eight and ninth volumetric sizes being different from each other;

a plurality of antennas for receiving the emitted secondary electromagnetic radiation at either a lower or higher frequency, said antenna providing an output responsive to the secondary electromagnetic radiation received, each of said plurality of antennas receiving the emitted secondary electromagnetic radiation of one of said pairs of first, second, third, forth, fifth sixth seventh eight and ninth means for receiving;

means for transmitting the emitted secondary electromagnetic radiation at the beat frequency from said antenna, said means for transmitting inductively connected by boresight and or drift region to said plurality of antennas;

a converter inductively connected via rf at a higher energy density to said means for transmitting for receiving the emitted secondary electromagnetic radiation at the beat frequency from said antenna array system and converting same to electrical current having a desired voltage and waveform and collectively energizing said forth fifth sixth seventh eight and ninth antenna structure via boresight and drift region converting same to an implosive propulsion energy.